


**Project Plan: Center for Advanced Energy Studies**

|   |                      |                            |             |
|---|----------------------|----------------------------|-------------|
|  | <b>PROJECT TITLE</b> | Identifier: CAES – 030     | Page 1 of 4 |
|   |                      | Revision: 2                |             |
|   |                      | Effective Date: 08/25/2010 |             |

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|   |
|---|
| <b>ACTIVITY PRINCIPAL INVESTIGATOR, LAB LEAD, and SPONSORING ASSOCIATE DIRECTOR</b><br>PI(s):<br>LL:<br>AD: |
|---|


|   |
|---|
| <b>ACTIVITY LOCATION BY LAB ROOM NUMBER</b> |
|---|

|   |             |
|---|-------------|
| <b>Principal Investigator, Laboratory Lead, and CAES Safety Officer Approvals</b> |             |
| Print   | Sign        |
| Principal Investigator: _____   | Date: _____ |
| Print   | Sign        |
| Laboratory Lead: _____  | Date: _____ |
| Print   | Sign        |
| CAES Safety Officer: _____  | Date: _____ |
|   |             |

|                       |
|-----------------------|
| <b>RESEARCH STAFF</b> |
|-----------------------|

|   |
|---|
| <b>MAJOR EQUIPMENT USED IN ACTIVITY</b> |
|---|

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## 1. PURPOSE/SCOPE/APPLICABILITY (include activity abstract and objectives)

### 1.1 Research Activity Description (include activity approach)

## 2. RISK AND CONTROLS

Table 2.1 Risks and controls (replicate table as many times as necessary to describe the hazards of your project).

|              |                                  |  |
|--------------|----------------------------------|--|
| <b>Task:</b> | <b>Hazard(s)</b>                 |  |
|              | <b>Engineering Control(s)</b>    |  |
|              | <b>Administrative Control(s)</b> |  |
|              | <b>PPE</b>                       |  |
|              | <b>Special Instruction(s)</b>    |  |
|              | <b>Task Specific Training</b>    |  |


## 3. WASTE GENERATION

| Type of Waste  | Anticipated Volume | Container Type | Disposal Responsibility |
|--|--------------------|----------------|-------------------------|
|  |                    |                |                         |
|  |                    |                |                         |
|  |                    |                |                         |
|  |                    |                |                         |
|  |                    |                |                         |
| List any special needs/requirements for storage and handling and disposal of wastes. |                    |                |                         |
| If a spill occurs, how will it be cleaned up?  |                    |                |                         |

## 4. EMERGENCY PROCEDURES

## 5. EXIT STRATEGY

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## 6. SUPPORTING DOCUMENTATION

6.1 Additional Documents Supporting this Project Plan

6.2 References


## 7. DRAWINGS AND DIAGRAMS

## 8. DOCUMENT COMMENTS

This document is a living document. Please provide recommendations below so that your inputs can be reviewed and incorporated into the next revision of this document.

| Contributor Name | Document Section | Comment | Date |
|------------------|------------------|---------|------|
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**Supporting Information: Chemical Inventory** (Chemical hazards are captured in the body of the Project Plan - this section only provides a list of chemicals used in execution of the plan.)

| Name | CAS Number | NFPA | Maximum<br>Storage Volume | Comments |
|------|------------|------|---------------------------|----------|
|      |            |      |                           |          |
|      |            |      |                           |          |
|      |            |      |                           |          |
|      |            |      |                           |          |